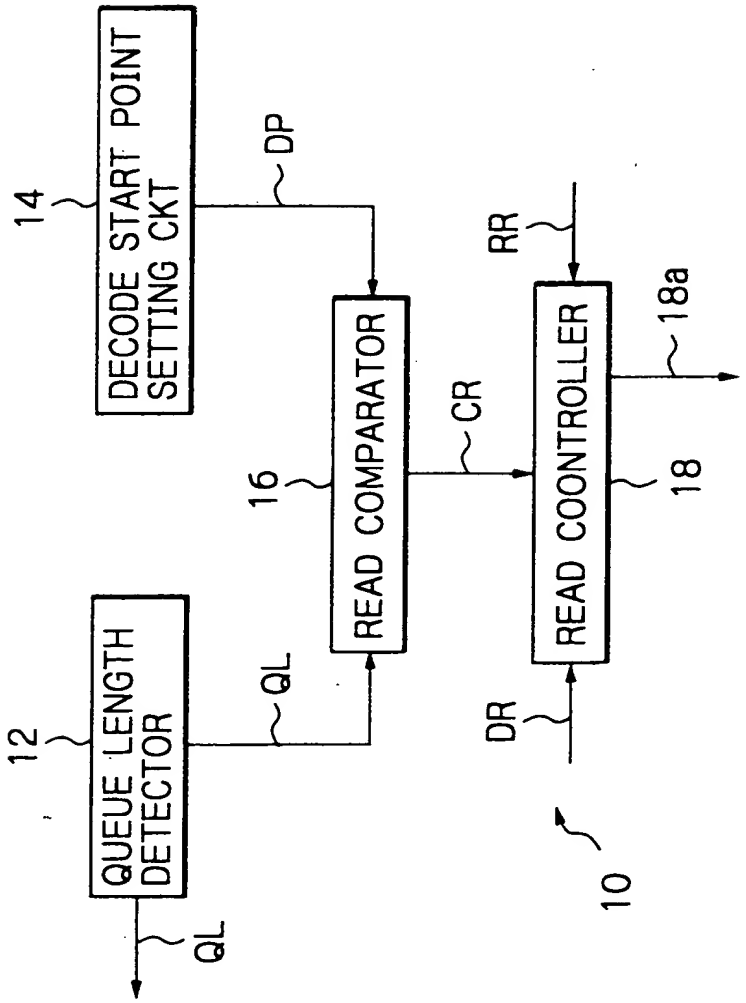
0020EP 26420460

Fig. 1



0020F-262460

Fig. 2

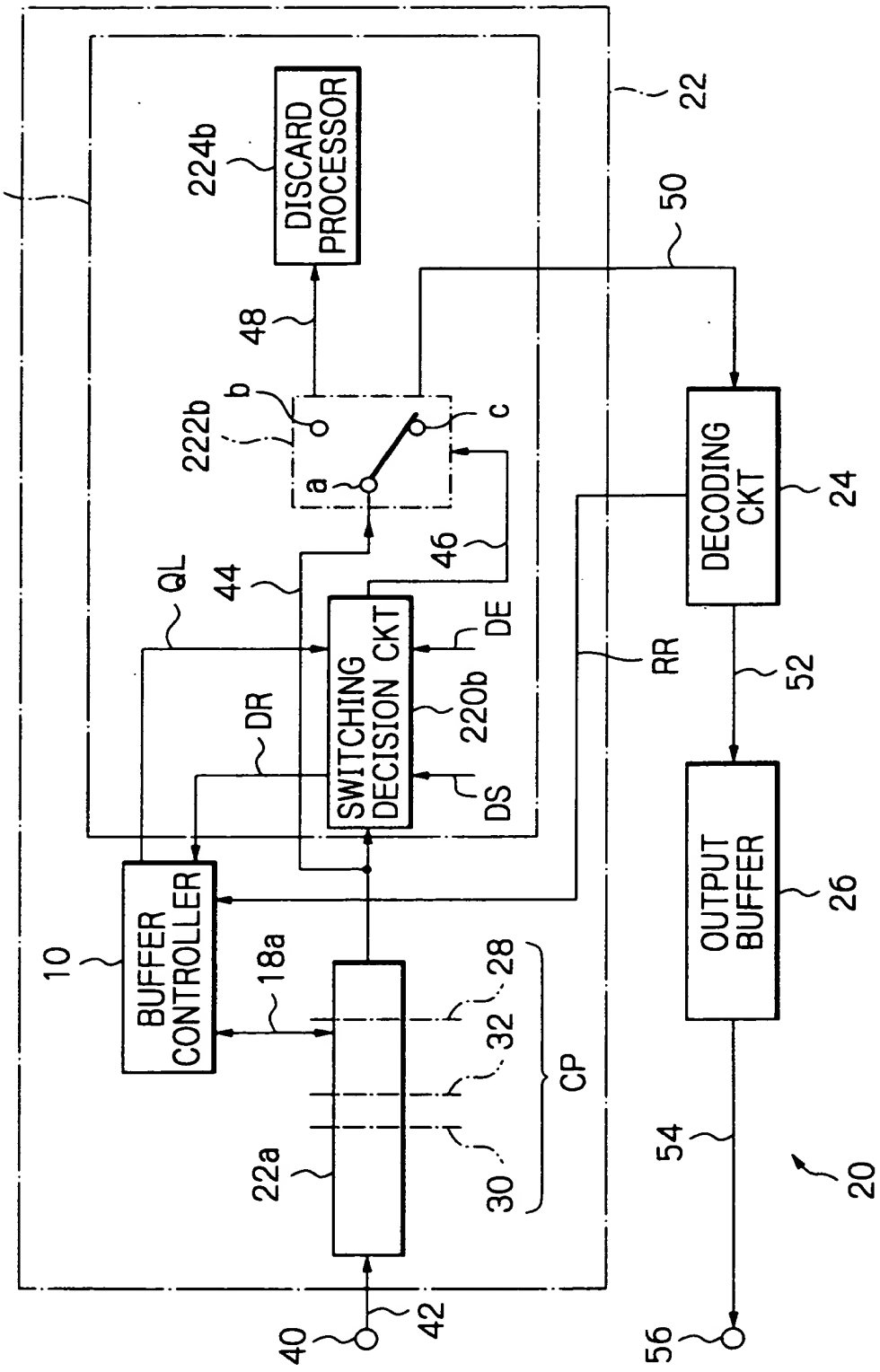
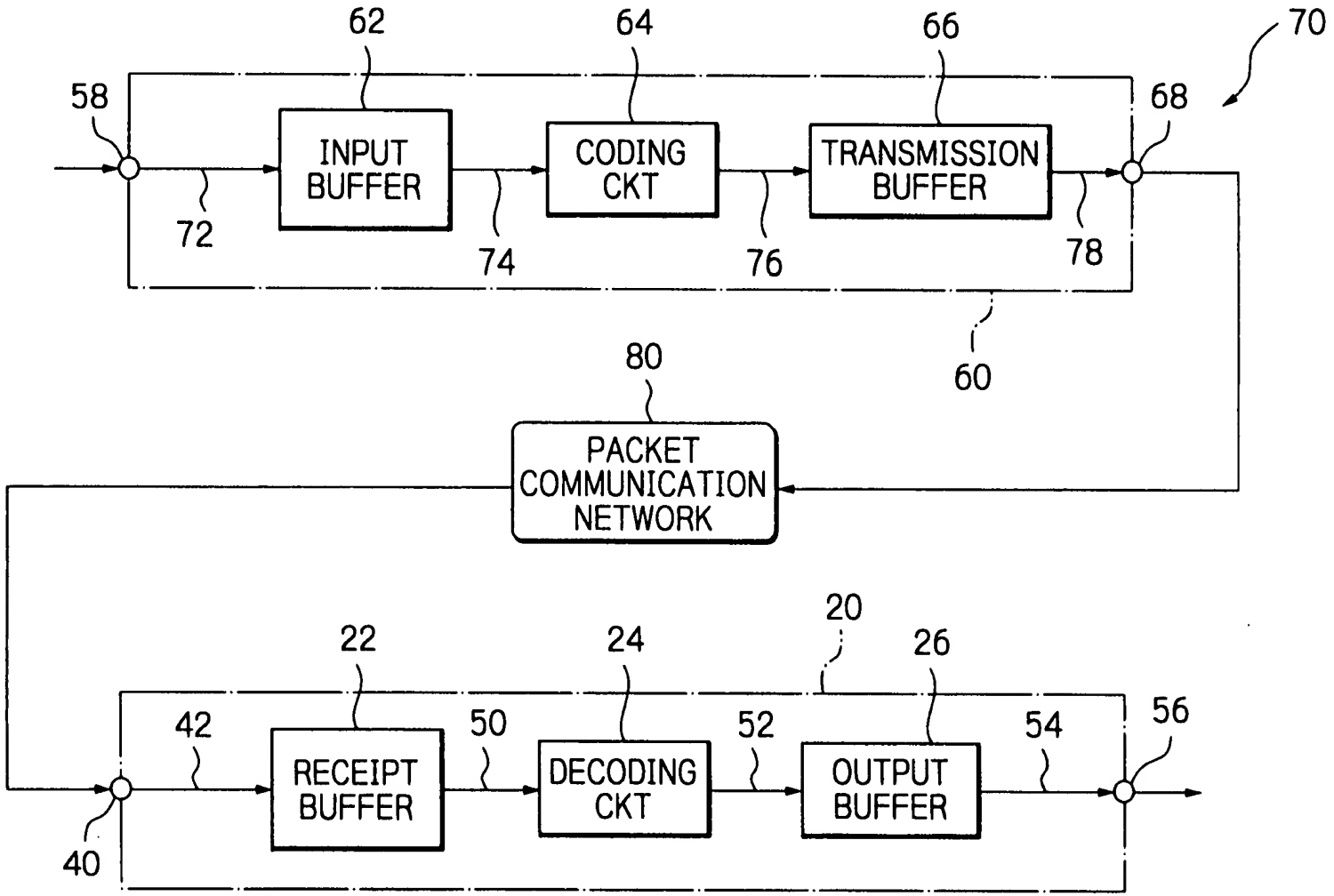


Fig. 3


62
64
66
70
58
68
INPUT BUFFER
CODING CKT
TRANSMISSION BUFFER
72
74
76
78
60
80
PACKET COMMUNICATION NETWORK
20
22
24
26
42
50
52
54
56
RECEIPT BUFFER
DECODING CKT
OUTPUT BUFFER
40

0020TT "26Z60Z60

Fig. 4

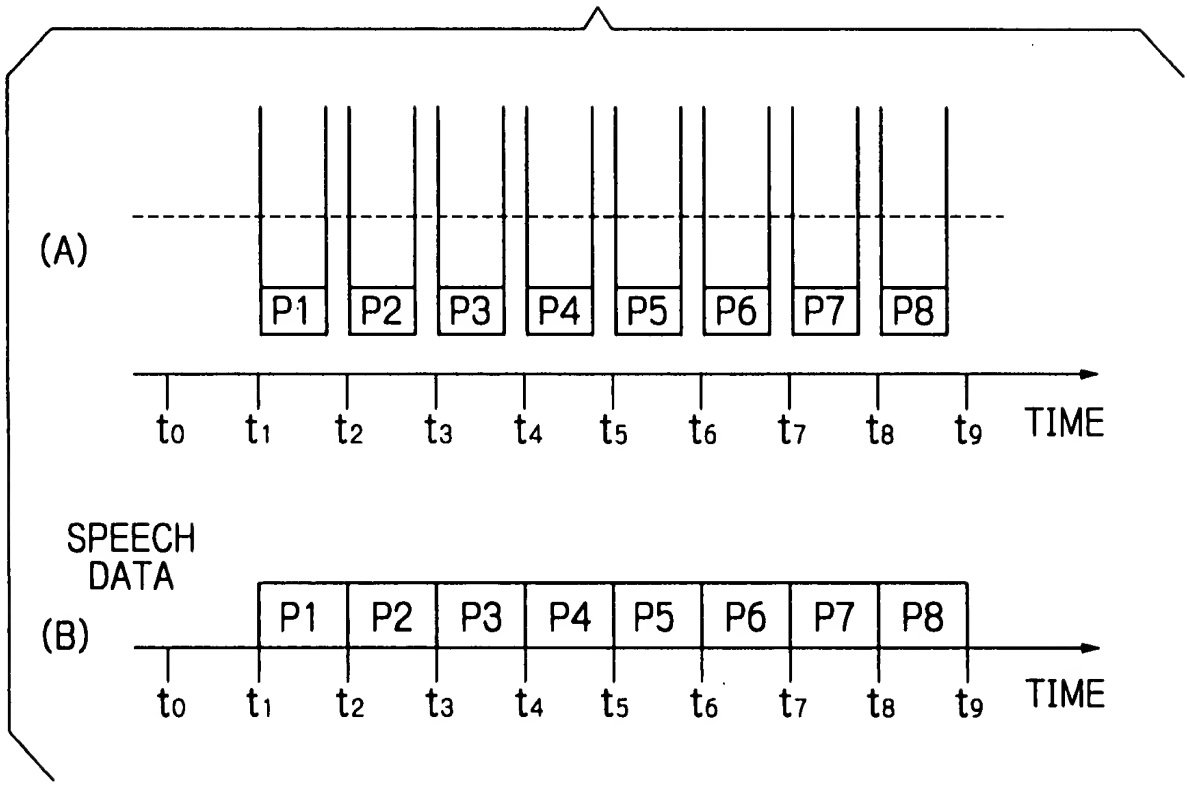
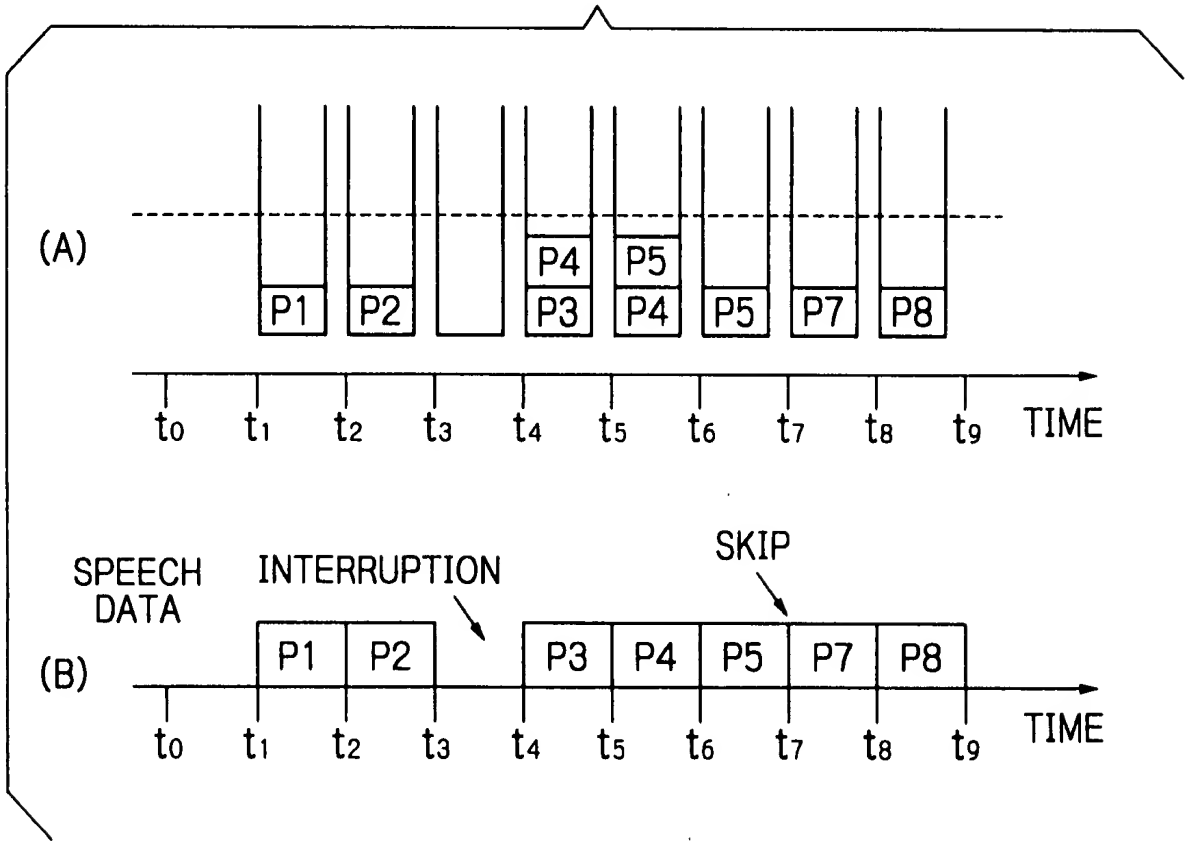
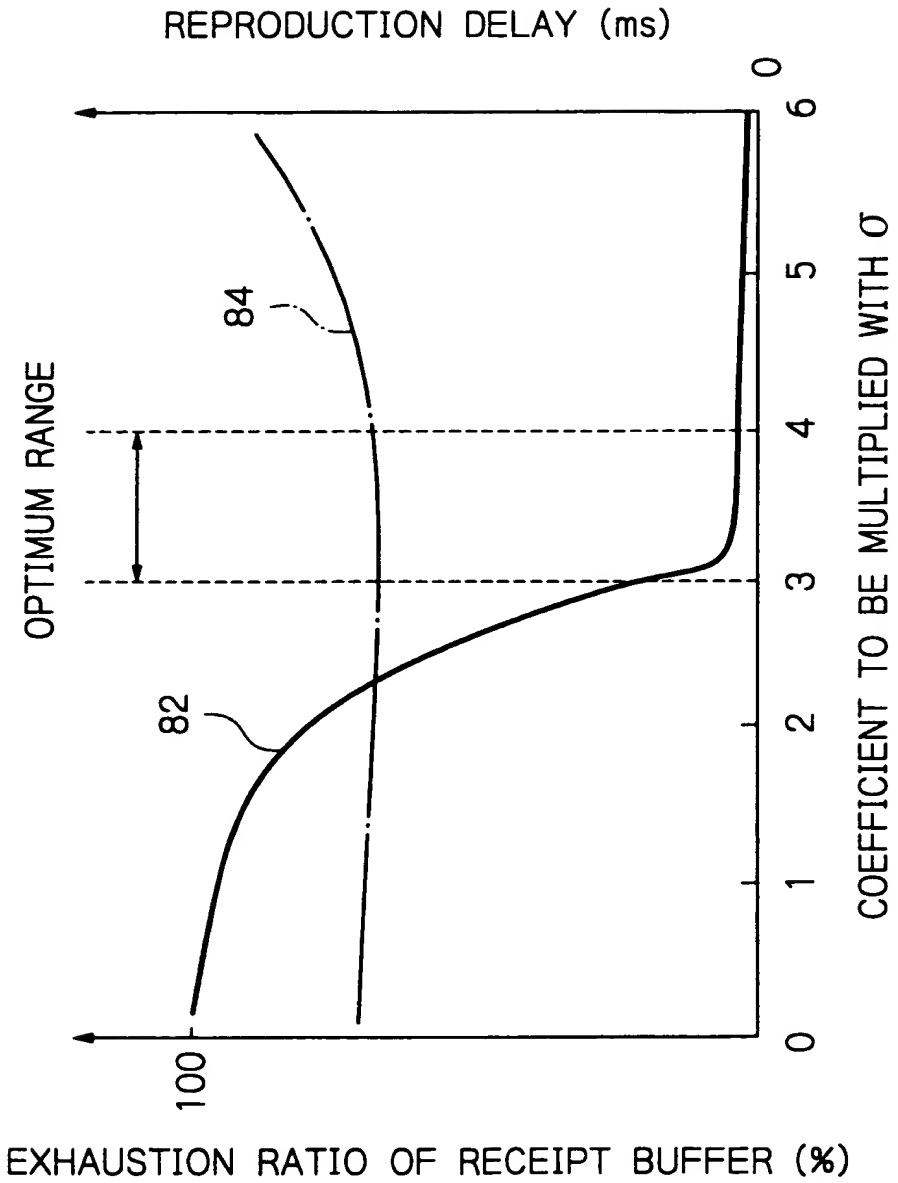


Fig. 5


(A)
P1
P2
P4
P3
P5
P4
P5
P7
P8
t0 t1 t2 t3 t4 t5 t6 t7 t8 t9
TIME
SPEECH DATA
INTERRUPTION
SKIP
(B)
P1
P2
P3
P4
P5
P7
P8
t0 t1 t2 t3 t4 t5 t6 t7 t8 t9
TIME

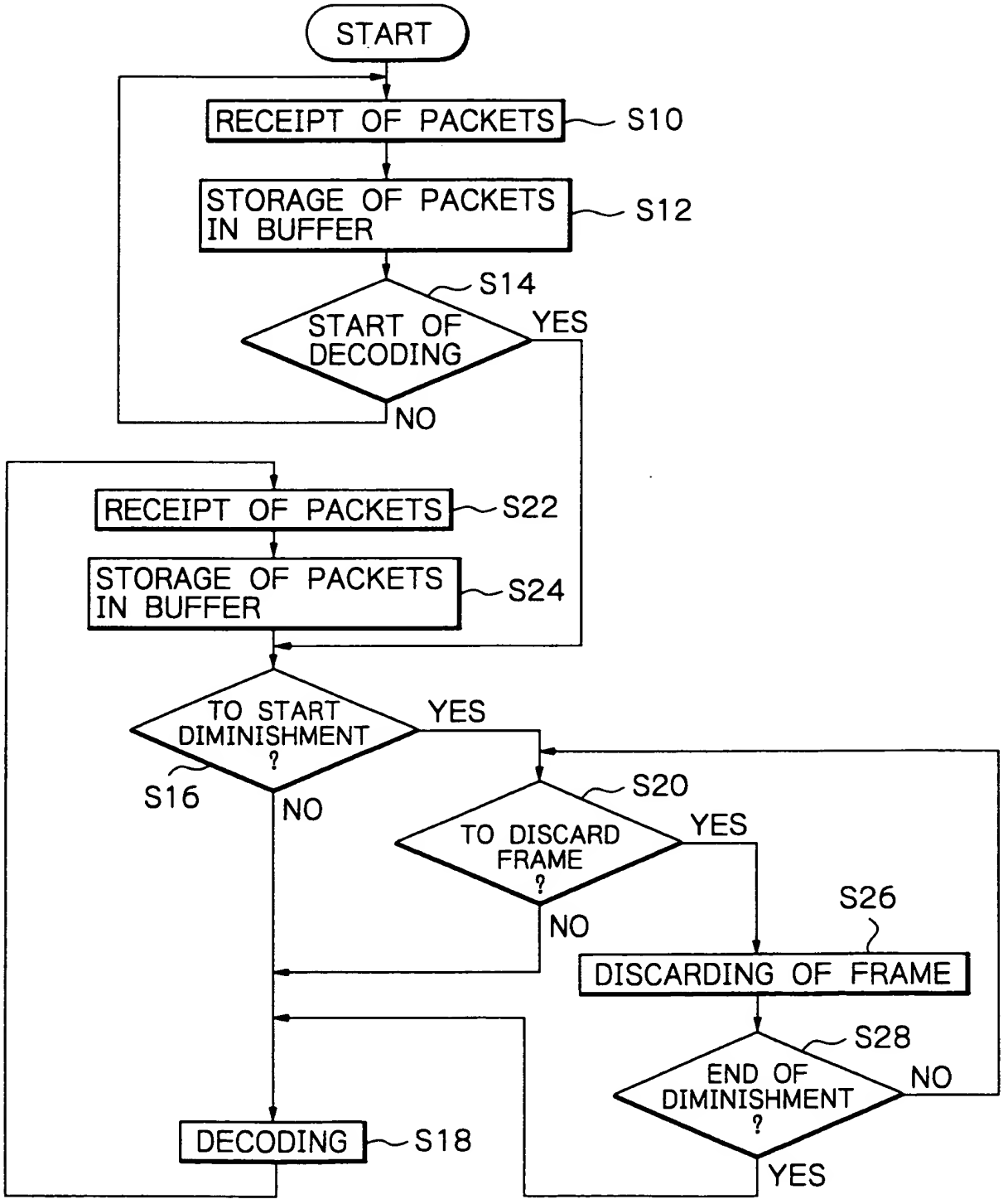
0020TF-3526260

Fig. 6



0020FF 26/03/60

Fig. 7



0020TT 26ZE0Z60

Fig. 8

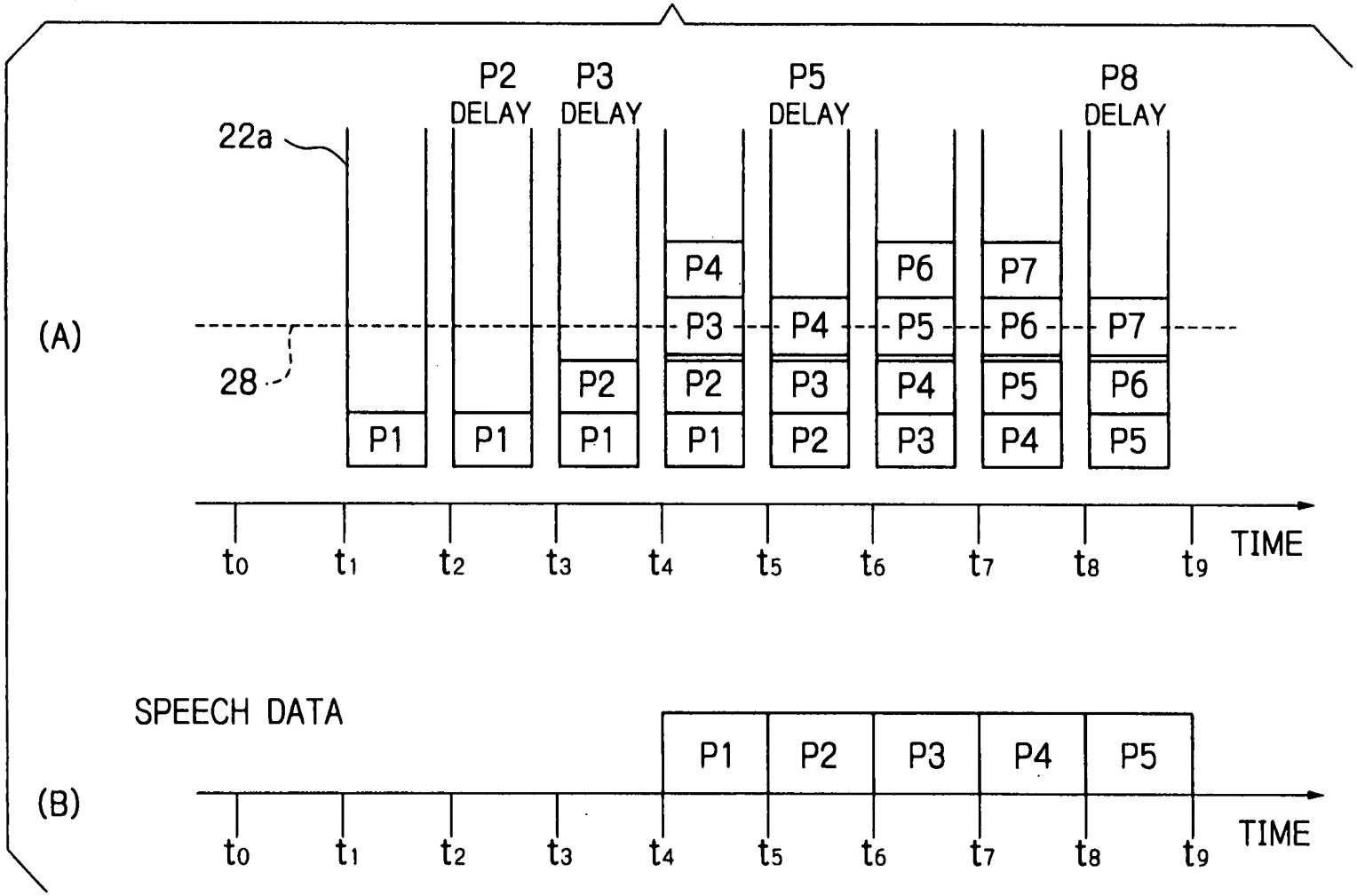
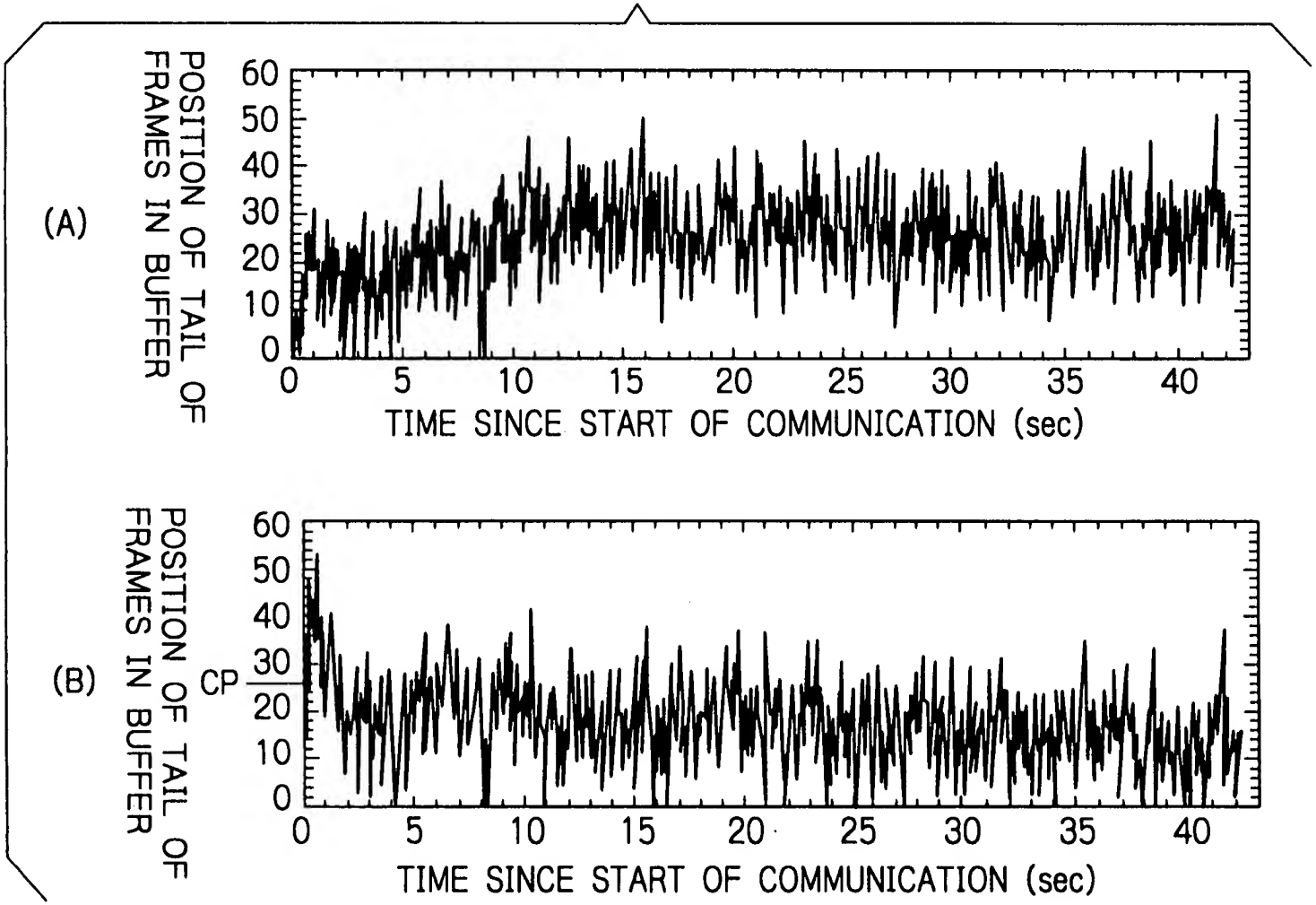


Fig. 9


(A)
POSITION OF TAIL OF FRAMES IN BUFFER
60
50
40
30
20
10
0
0
5
10
15
20
25
30
35
40
TIME SINCE START OF COMMUNICATION (sec)
(B)
POSITION OF TAIL OF FRAMES IN BUFFER
CP
60
50
40
30
20
10
0
0
5
10
15
20
25
30
35
40
TIME SINCE START OF COMMUNICATION (sec)

0020"26260

Fig. 10

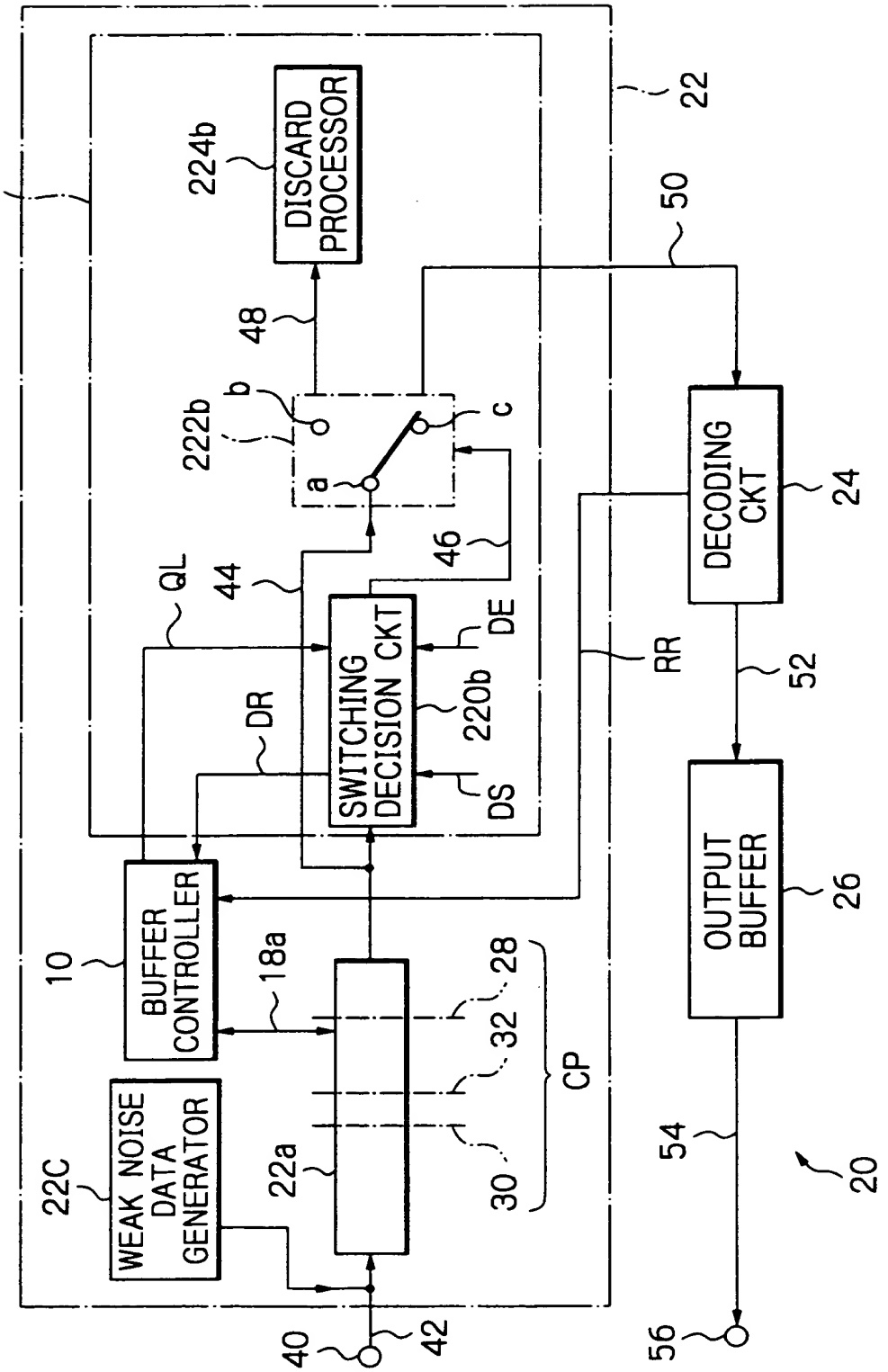


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Fig. 11

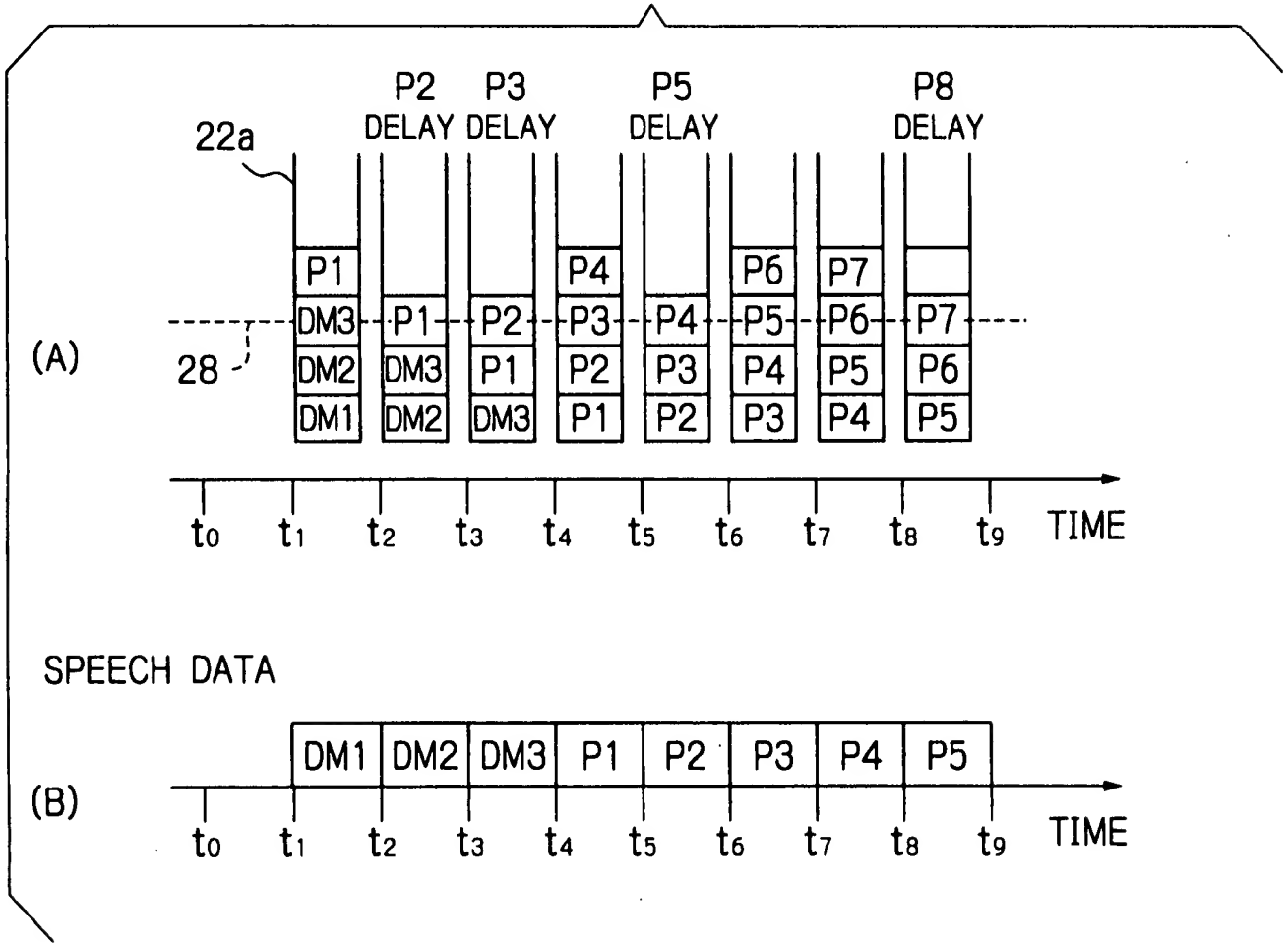


Fig. 12

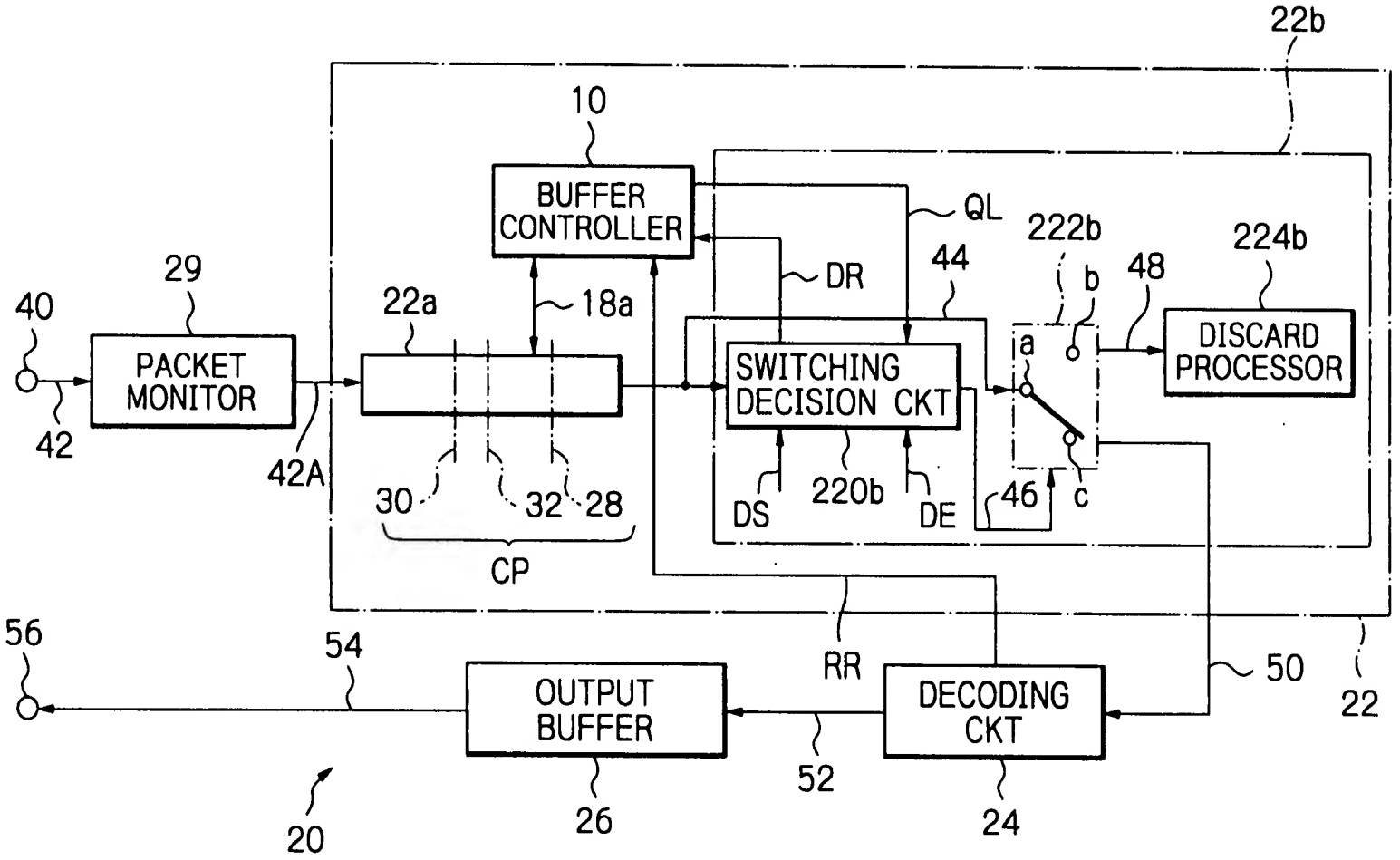

22b
10
BUFFER CONTROLLER
QL
222b
224b
29
40
22a
18a
DR
44
b
48
PACKET MONITOR
SWITCHING DECISION CKT
a
DISCARD PROCESSOR
42
42A
30
32
28
DS
220b
DE
46
c
CP
56
54
RR
50
OUTPUT BUFFER
DECODING CKT
22
20
26
52
24

Fig. 13

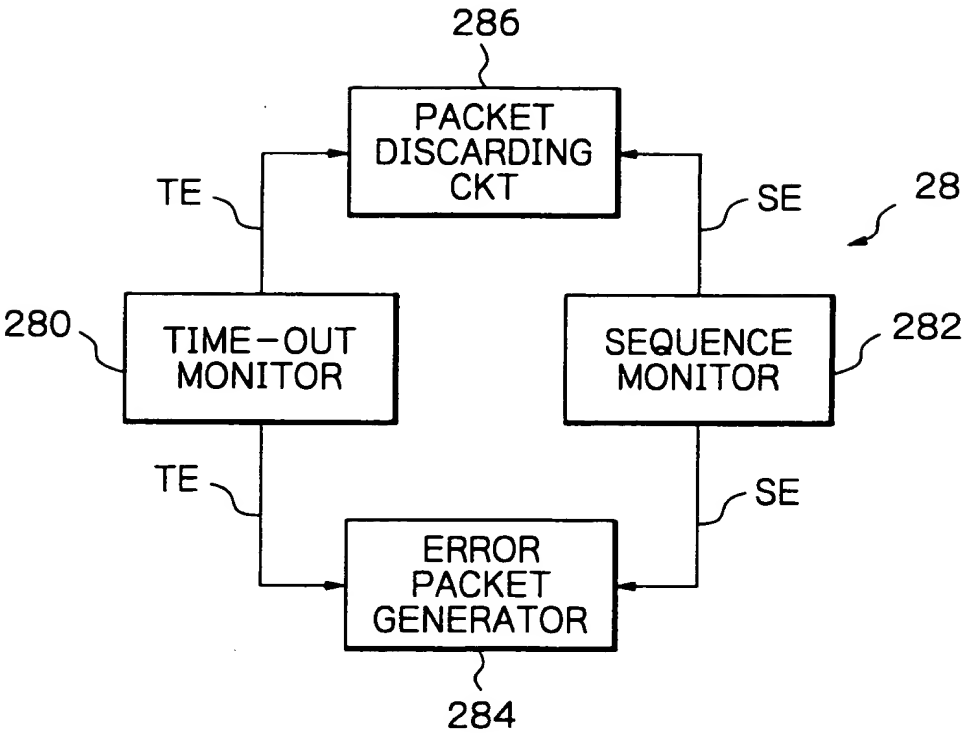
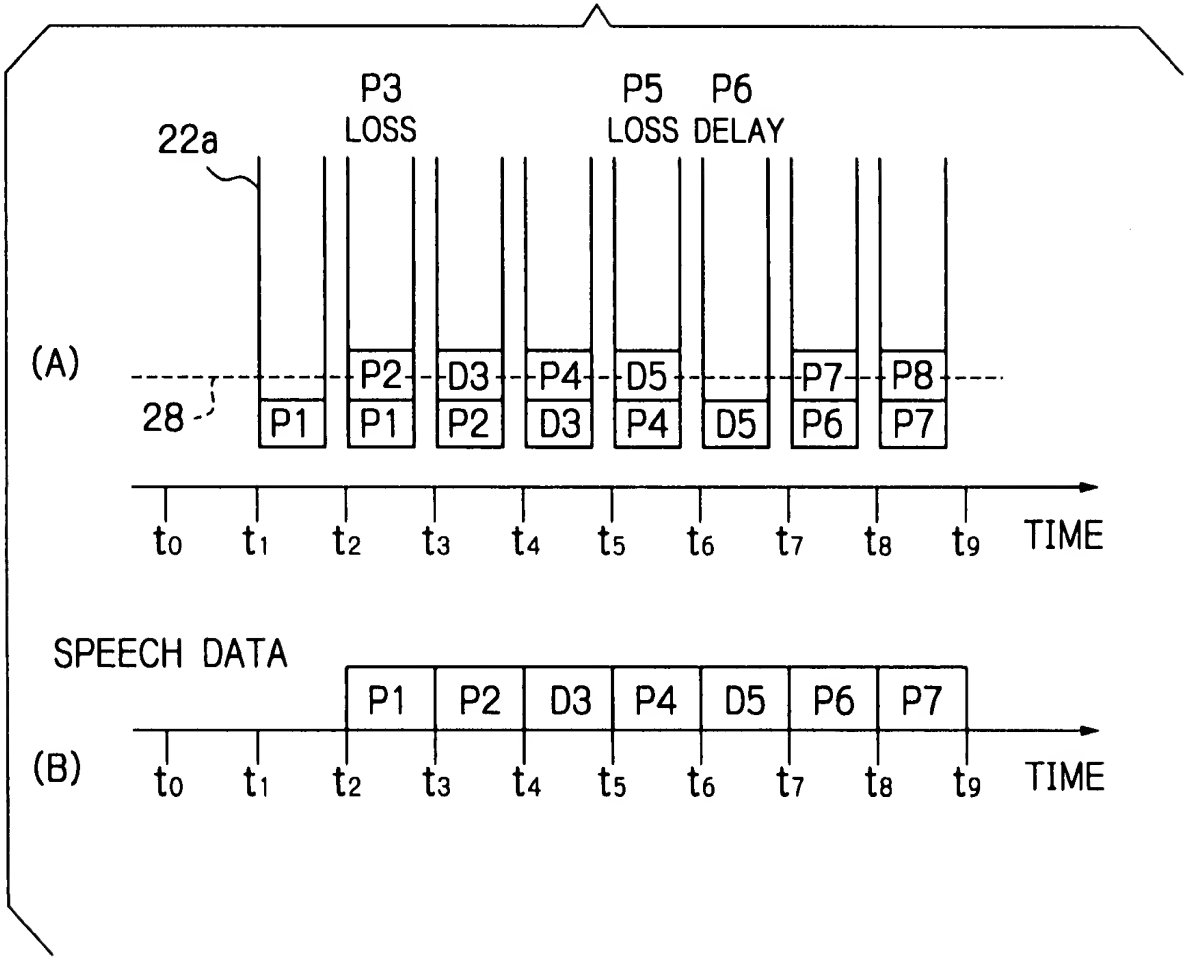

286
PACKET DISCARDING CKT
TE
SE
28
280
TIME-OUT MONITOR
SEQUENCE MONITOR
282
TE
SE
ERROR PACKET GENERATOR
284

Fig. 14


P3
LOSS
P5
LOSS
P6
DELAY
22a
(A)
28
P1
P2
D3
P4
D5
P6
P7
P8
P1
P2
D3
P4
D5
P6
P7
t0
t1
t2
t3
t4
t5
t6
t7
t8
t9
TIME
SPEECH DATA
(B)
P1
P2
D3
P4
D5
P6
P7
t0
t1
t2
t3
t4
t5
t6
t7
t8
t9
TIME

0020TF"26260260

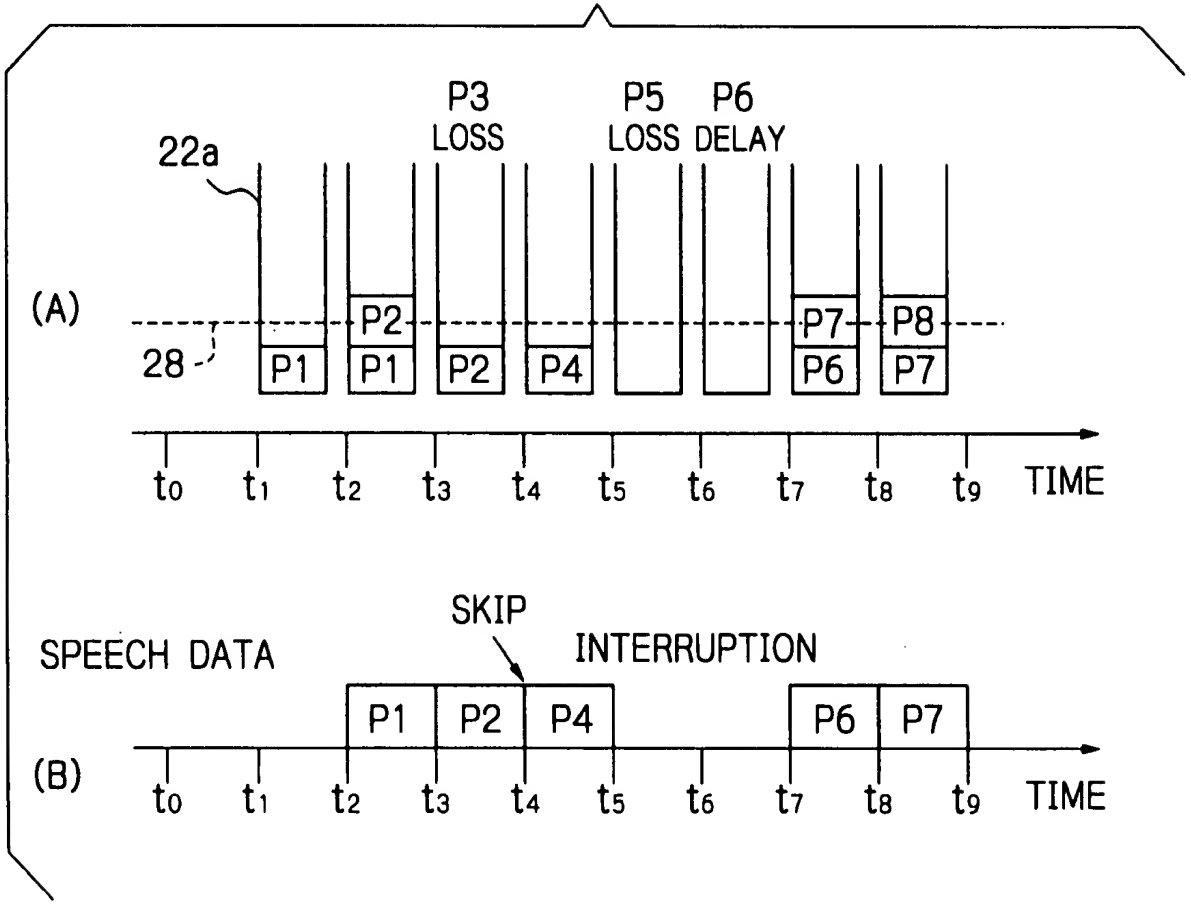



Fig. 15